

DEERFOS Material Safety Data Sheet

DEERFOS CO.,LTD.

Rev. Date : 02. May. 2006

Rev. No. : 4

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- a. Product type : Coated Abrasive Products (XA911, XA517, XA517F, XA167
JA512, JA535, JA539)
- b. Manufacturer : DEERFOS CO.,LTD
- c. The department of writer : R&D (Research and Development) Center
- d. Written by : SE-WOONG MO (Mr.)
- e. The department of charge : General affairs Dept.
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2. COMPOSITION / INFORMATION ON INGREDIENTS

- a. Classification : Mixture
- b. Chemical name : N/A
- c. Synonym : N/A
- d. Ingredients and composition

Ingredients		Composition	Composition %	CAS. NO
Resin	JA512	Phenol Resin	16	9003-35-4
	JA535		17	
	JA539		18	
	XA911		22	
	XA167		22	
	XA517		14	
	XA517F		14	
Abrasive Grain	JA512	Al ₂ O ₃	26	1344-28-1
	JA535		26	
	JA539		31	
	XA911		23	
	XA167		23	
	XA517		28	
	XA517F		24	
Filler	JA512	CaCO ₃	8	1317-65-3
		Na ₃ AlF ₆	20	15096-52-3
	JA535	CaCO ₃	10	1317-65-3
		Na ₃ AlF ₆	20	15096-52-3

Filler	JA539	CaCO ₃	7	1317-65-3
		Na ₃ AlF ₆	23	15096-52-3
	XA911	CaCO ₃	10	1317-65-3
		Na ₃ AlF ₆	20	15096-52-3
	XA167	CaCO ₃	10	1317-65-3
		Na ₃ AlF ₆	20	15096-52-3
	XA517	CaCO ₃	15	1317-65-3
		Na ₃ AlF ₆	17	15096-52-3
XA517F	CaCO ₃	16	1317-65-3	
	Na ₃ AlF ₆	20	15096-52-3	
Backing Material	JA512	PE /Cotton	28	-
	JA535		25	
	JA539		20	
	XA911		23	
	XA167		23	
	XA517		25	
	XA517F		24	
Others	JA512	-	1-2	-
	JA535			
	JA539			
	XA911			
	XA167			
	XA517			
	XA517F			

3. HAZARDS IDENTIFICATION

Not applicable

4. FIRST AID MEASURES

a. Eye Contact

- Do not let the victim rub his eyes.
- Gently rinse the affected eyes with clean water for at least 15 minutes.
- Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.

b. Skin Contact

- Do not absorbed through skin.(may cause abrasions)
- Obtain first aid or medical assistance, if needed.

c. Inhalation

- Remove to fresh air.
- Apply artificial respiration as needed.
- Obtain first aid or medical assistance.

d. Ingestion

- Obtain first aid or medical assistance, if needed.

5. FIRE FIGHTING MEASURES

- a. Extinguishing media
 - Dry chemical powder, carbon dioxide, water should be used fires.
 - Use extinguishing medias appropriate to the source of the fire.
- b. Special fire fighting procedures
 - Backing & resin binder will burn or decompose, use respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

No special measures required.

7. HANDLING AND STORAGE

- a. Keep temperature at 0 - 40
- b. Keep humidity at 30-60%
- c. In use, do not smoke or eat
- d. Avoid rough handling or dropping
- e. Protect against physical damage

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- a. Control parameters : Not established
- b. As needed, approved dust respirator.
- c. Wear protective eye glasses or chemical safety goggles.
- d. No precautions other than clean body covering clothing should be needed.
- e. As needed, hearing protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

- a. Physical state, form : Solid
- b. Color : XA911, XA167 (Dark Brown) / XA517, XA517F, JA512, JA539 (Brown) / JA535 (Green)
- c. Odor : None
- d. Boiling point : N/A
- e. Melting point : N/A
- f. Solubility in water : N/A
- g. Vapor pressure : N/A
- h. Specific gravity : N/A

10. STABILITY AND REACTIVITY

- a. This material is stable.
- b. Hazardous decomposition and polymerization will not occur.
- c. Decomposition products : In use, dust and decomposing resin system fumes are generated.

In most cases, the material removed from the work piece will be significantly

greater than the coated abrasive product components.

11. TOXICOLOGICAL INFORMATION

No relevant information found

12. ECOLOGICAL EFFECTS

- a. This substance is not biodegradable.
- b. This substance is not bioaccumulate.
- c. This substance is not fish toxicity.

13. DISPOSAL CONSIDERATION

This combustible material may be burned in a chemical incinerator equipped with on afterburner and scrubber.

14. TRANSPORT INFORMATION

No relevant information found

15. REGULATORY INFORMATION

The company is not able to check up the regulatory information in regard to be substances in your country or region, therefore, we request this matter would be filled by your responsibility.

16. OTHER INFORMATION**a. References**

- Chemical substances of unknown or variable composition complex reaction products and biological material.
- Coated abrasives modern tool of industry.

b. Other

- The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof ; however, DEERFOS CO.,LTD. makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.
- Please consult DEERFOS CO.,LTD. for further information.